PROTEUS® 2000

EXPANSION SOUND ROM

INSTALLATION INSTRUCTIONS

These instructions are intended for E-MU dealers or E-MU authorized service centers.

----------> WARNING <----------

DISCONNECT POWER BEFORE DOING ANY WORK.

Dangerous voltages are present inside Proteus 2000 whenever power is connected.

WARRANTY MAY BE VOIDED IF DAMAGE IS CAUSED BY IMPROPER INSTALLATION, IMPROPER OR INADEQUATE MAINTENANCE, ACCIDENT, ABUSE, MISUSE, ALTERATION, UNAUTHORIZED REPAIRS, TAMPERING, OR FAILURE TO FOLLOW PROCEDURES OUTLINED IN THESE INSTRUCTIONS.

E-MU PN FI 10396

Groundwork

Before you begin, find a clean, well lit place in which to work. This procedure requires that you periodically "Ground" yourself, by touching a grounded object such as a water pipe or a grounded piece of equipment. Grounding yourself prevents the static charge in your body from damaging the sensitive memory chips. When you are asked to "Ground" yourself, simply reach over and touch the grounded metal. Do not walk across the room or a rug, as this will defeat the purpose of grounding.

Remove the Top Cover

To gain access to the interior of the unit, the top panel must first be removed. The top panel is attached to the main chassis by means of (7) screws. There are three screws along the back of the unit and two on each side. When all the screws are removed, slide the metal top backwards and up off the unit, exposing the main circuit board. Set the top cover aside in a safe place and put the screws into a cup so they will not get lost.

- Ground yourself before touching anything inside the unit!

Sound ROM SIMM Locations

The location of the 4 Sound ROM SIMM Sockets is shown below. New Sound ROMs can be installed in any available SIMM socket.

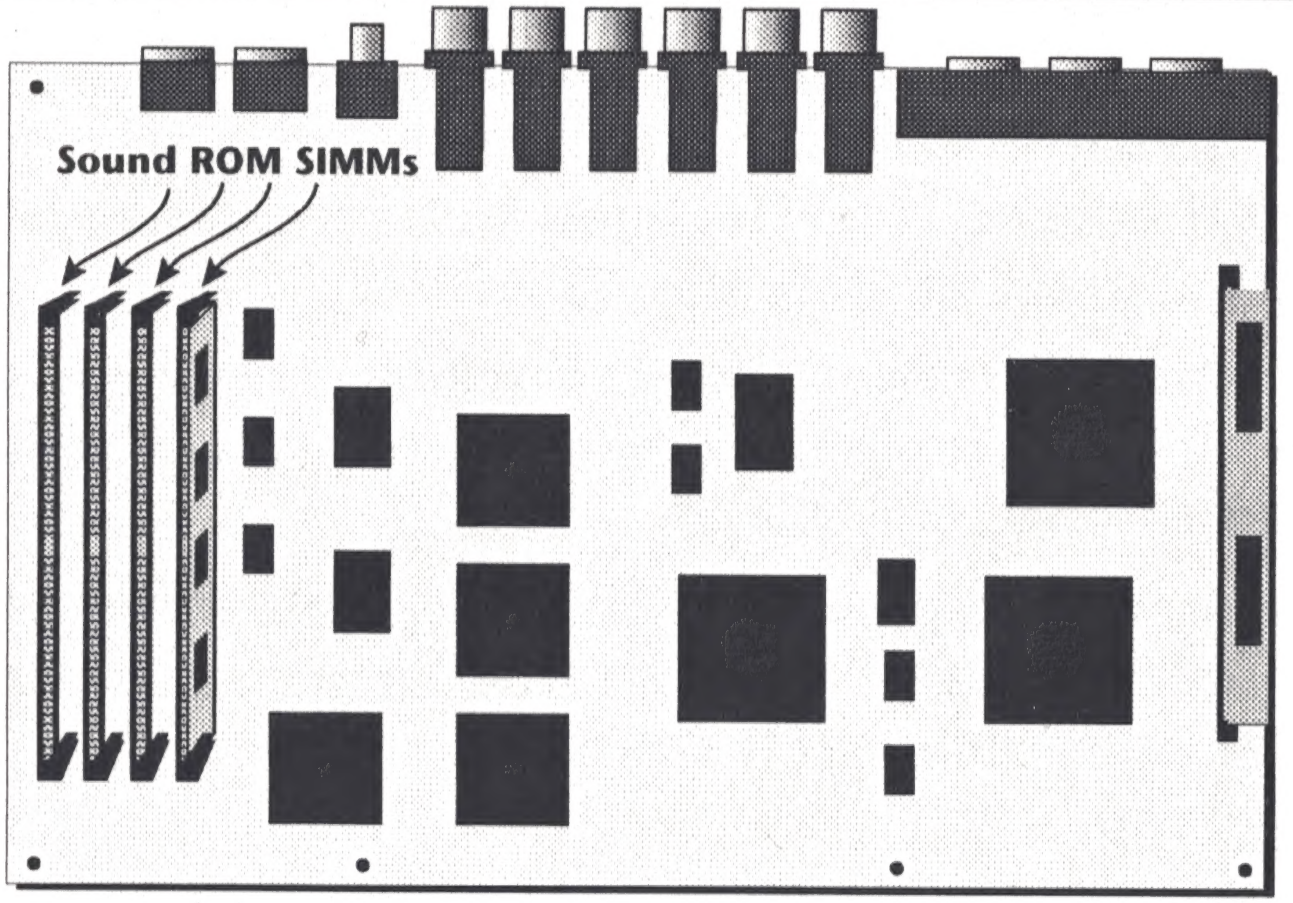


Figure 1

Install the ROM SIMM

1. Is the unit unplugged? Make sure it is before continuing.

2. Ground yourself, then remove the Proteus ROM SIMM from the antistatic packaging.
3. To install a SIMM, refer to figures 2 and 3.

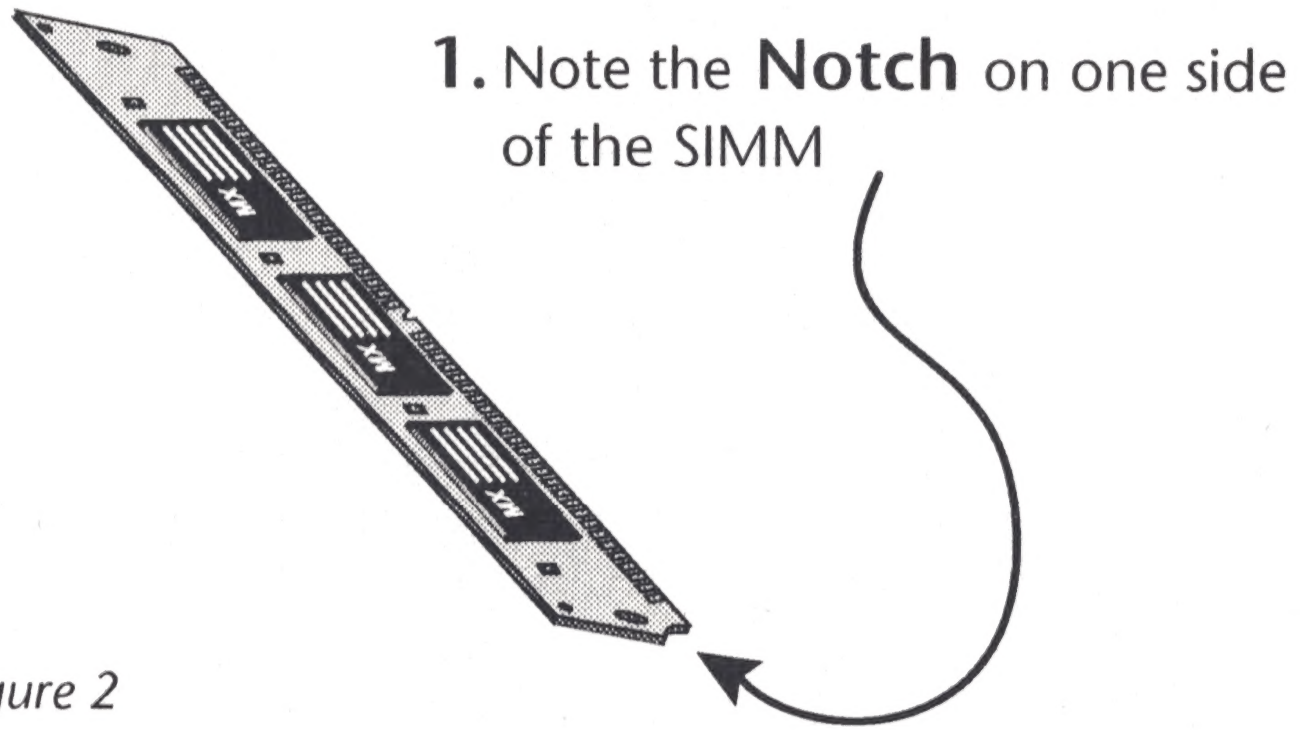
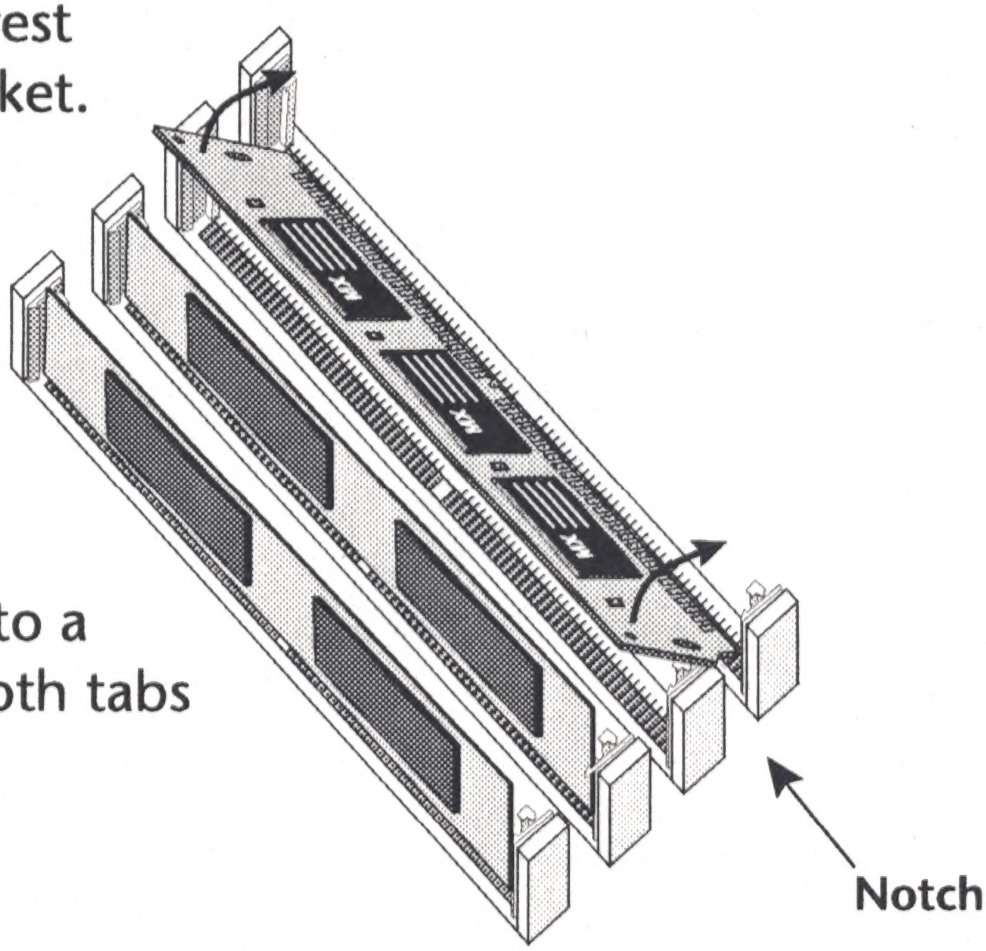


Figure 2

4. In some cases, you may have to remove a SIMM in order to make room for another. When replacing SIMMs, replace the SIMM near the outer edge of the circuit board first.

2. Insert the SIMM module into the ROM 1 socket as shown with the notch toward the rear of the unit.

The SIMM should rest naturally in the socket.



3. Tilt the SIMM into a vertical position. Both tabs should lock.

Figure 3

To Remove a SIMM

On each end of the SIMM socket there is a silver or plastic tab. Use a screwdriver or a ball point pen to squeeze the tabs toward the outside of the socket while gently pushing the SIMM towards the right side of the

unit *(when facing the front of the unit)*. The SIMM should "hinge" to the right and can now be removed.

Replace the Top Cover

Place the metal top cover on the box with the screw holes toward the rear. Lift the rear of the top cover and slide it forward UNDER the lip of the front panel bezel, then set the rear down. The screw holes should all be perfectly aligned. Replace the (7) screws.

At this point, the installation is finished. Apply power and check to see that your new ROM presets are listed in the main display. All RIGHT!

- If the new ROM presets are NOT available in the display, disconnect power. Start from step 1 and re-seat the ROM in its socket. If it still doesn't work, call us. We're here to help.

E-MU

WORLD HEADQUARTERS
E-MU SYSTEMS, INC.
P.O. BOX 660015
SCOTTS VALLEY, CA USA
95067-0015

TELEPHONE: 831-438-1921
FAX: 831-438-8612
WWW.EMU.COM

EUROPE, AFRICA, MIDDLE EAST
E-MU SYSTEMS, LTD.
SUITE 6, ADAM FERGUSON HOUSE
ESKMILLS INDUSTRIAL PARK
MUSSELBURGH, EAST LOTHIAN
SCOTLAND, EH21 7PQ

TELEPHONE: +44 (0) 131-653-6556
FAX: +44 (0) 131-665-0473